

TECHNICAL SPECIFICATION – CABINET SERIES 94

Object and applications

The purpose of the present specifications is to define the minimum technical requirements of the cabinet.



Technical requirements

Generalities

The construction is all welded without bolts. All burrs are removed to avoid injuries.

Materials

The cabinet is made of cold rolled steel sheets of commercial quality. Average thickness and tolerances are shown in table 1 in accordance with the « U.S. manufacturer's standard gauge numbering system » (M.S.G.)

Materials used for cabinet construction are described in table 2.

TABLE 1

Thickness and tolerance of the steel sheets		
Gauge	Average Thickness (inches)	Tolerances (+ / - inches)
12	0.105	0.009
13	0.090	0.007
14	0.075	0.006
15	0.067	0.005
16	0.060	0.005
17	0.054	0.005
18	0.048	0.004
19	0.042	0.004
20	0.036	0.004
21	0.033	0.003
22	0.030	0.003
23	0.027	0.003
24	0.024	0.003

TABLE 2

Thicknesses of the components			
Components	Gauge	Material	References
Top	20 M.S.G.	C.R. Steel	1
Sides	20 M.S.G.	C.R. Steel	2
Back	24 M.S.G.	C.R. Steel	3
Bottom	20 M.S.G.	C.R. Steel	4
Doors	20 M.S.G.	C.R. Steel	5
Hinges	14 M.S.G.	C.R. Steel	6
Shelves	20 M.S.G.	C.R. Steel	7
Mounting bars	18 M.S.G.	C.R. Steel	8

* **C.R. Steel: Cold Rolled Steel**

Construction

Top (1)

Back ends and sides of the top are bent at 90°. The top has a front double flange giving a full width door stopper.

Sides (2)

The sides are made of one piece and bent downside. A triple front flange gives a solid installation for the hinges.



Back (3)

The back is made of one piece with a single fold at bottom and welded to the inside folds of the top, sides and bottom.

Bottom (4)

The back and sides of the bottom are bent at 90° downwards. The bottom has a front double flange at 90° giving a full width door stopper.

Doors (5)

The doors are flush-fitted to the frame and are provided with a full height reinforcement. The left door has a double flange to receive the right door and is equipped with a single and secure closing mechanism.

Hinges (6)

The hinges are made of 14 gauge (M.S.G.) cold-rolled steel. Each one has five (5) articulations retained by a riveted steel pin giving an opening of 180°. Each standard door has three (3) hinges.

Shelves (7)

Each cabinet is supplied with adjustable shelves at every 1½ ". Front and back are triple flange at 90°.

Mounting bars (8)

Each cabinet is supplied with two (2) mounting bars on each side supporting the shelf which is adjustable at every 1½".

Handle (9)

Two (2) types of handle are available. The recessed handle and the automobile handle have a standard closing system.

Lock (10)

Each lock is supplied with two (2) keys. Master key is available upon request.

Division (11)

The combined cabinet has a vertical division and welded under the shelf top to the back and bottom of the cabinet. The steel division has a triple flange at 90° at the front and a single flange at the back.

Glides (Optional) (12)

The glides are made of steel and solidly fixed to the supports located under the cabinet.

Surface finish

Steel sheets and strips are sufficiently clean and flat to avoid any detrimental effect to the appearance and construction of the cabinets. The surface is suitably prepared for application of the paint coating. The steel is corrosion treated by means of phosphate processing.

Painting (Baked enamel)

Painting is cooked at 350° and its gloss is at 40 - 45%.

Disposition towards quality control

Perfix Inc. operates under ISO manufacturing standards to ensure constant and superior quality to all its customers. All products manufactured by Perfix Inc. have a five (5) year full warranty against all fabrication defects from invoice date. No warranty is applicable if installed near pools.